Ganeshamoorthy A

✉ ganeshamoorthy8681@gmail.com | 🔗 linkedin.com/in/ganeshamoorthy | ⌨ github.com/Ganeshamoorthy-8681 | ▪
9629617426 | 🌐 ganeshamoorthy.netlify.app

SUMMARY

Software Engineer with 2+ years of experience building scalable, cloud-native systems for discovery, protection, and recovery of customer-critical cloud resource configurations. Strong background in designing resilient backend services, high-performance APIs, and intuitive user interfaces. Proven ability to improve reliability, recovery time, and operational visibility across AWS, Azure, and GCP.

SKILLS

Languages: Java, TypeScript, JavaScript, SQL
Frontend: Angular, React, HTML, CSS, SCSS
Backend: Spring Boot, REST APIs, JWT
Cloud & Infra: AWS, Azure, GCP, Terraform, CloudFormation, Arm Templates
Tools: Git, GitLab, Docker, Agile/Scrum

WORK EXPERIENCE

Commvault (formerly Appranix)   Aug 2022 – Present
Software Engineer

- Owned backend services responsible for discovering and maintaining accurate cloud resource configuration state across AWS, Azure, and GCP for customer environments.

- Designed a scalable multi-account adapter framework to normalize and validate heterogeneous cloud resources, increasing configuration coverage and visibility by **40%**.

- Built fault-tolerant recovery workflows supporting configuration restore, reset, and cross-subscription recovery, reducing customer **MTTR by 35%**.

- Optimized REST APIs and data aggregation layers powering drift detection and recovery insights, improving response latency by **30–40%** under production load.

- Delivered end-to-end features spanning backend, infrastructure automation (Terraform/CloudFormation), and Angular/React dashboards, cutting manual setup effort by **50%** and improving customer troubleshooting efficiency.

KEY PROJECTS

- **Multi-Cloud Configuration Discovery Platform:** Built services to continuously discover and normalize cloud resource configurations across AWS, Azure, and GCP.

- **Configuration Drift Detection System:** Developed backend workflows and UI to detect, visualize, and analyze configuration changes, helping customers proactively identify risk.

- **Resilient Recovery Orchestration:** Implemented recovery orchestration and summary APIs to restore infrastructure configurations reliably at scale.

INDEPENDENT PROJECTS

- **TaskFlow:** Full-stack task management application built using Angular, Spring Boot, and PostgreSQL.

- **RBAC User Access Manager:** Designed secure authentication and role-based authorization using Spring Boot, JWT, and Angular.

CERTIFICATIONS

Azure Fundamentals | Google AI Essentials | Angular (HackerRank) | React (HackerRank)

PUBLICATIONS

Breaking Monoliths: Micro Frontends in Angular with Native Federation
Authored a technical article detailing decomposition of monolithic frontend architectures into scalable micro frontends using Angular and native module federation, including real-world design patterns and implementation considerations.
medium.com/@ganeshamoorthy8681

EDUCATION

B.E. Electronics and Communication Engineering   2019 – 2023
E.G.S Pillay Engineering College   CGPA: 8.85